

## TOUCH SCREEN CALIBRATION SYSTEM AND METHOD

### Abstract of the Disclosure

5           A touch screen calibration system and method applies a signal to a terminals of a  
touch screen and applies a calibration impedance to those terminals; the effect of the  
calibration impedance applied to the terminals is sensed; the X, Y position for each terminal  
is calculated upon application of the calibration impedance and the offset error for each  
terminal is calculated and applied to obtain the corrected touch position for a measured touch  
10   position; in addition the gain error may be calculated for each terminal and applied to obtain  
the corrected touch position.